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N 120:219578 CA

I Fire-resistant chlorine-containing polymer compositions

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CODEN: JKXXAF

T Patent

A Japanese

C ICM C08L027-04

ICS C08K003-16; C08K003-24; C08K003-34; C08K005-19

C 37-6 (Plastics Manufacture and Processing)

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B Title compns. with improved discoloration and heat resistance contain 0.01-20 phr zinc stannate and/or zinc hydroxystannate and 0.01-10 phr .gtoreq.1 compds. selected from HClO4, its metal, ***ammonium***, and org. ***ammonium*** salts, HClO4-treated hydrotalcites, and HClO4-treated silicic acid salts. Thus, ***PVC*** 100, CaCO3 100, DOP 50, epoxidized soybean oil, 2, LZ 2116 (perbasic Ba carboxylate) 0.8, Ba nonylphenate 0.2, Zn stearate 0.5, Ba(ClO4)2 0.1, and ZnSnO3 parts were roll kneaded and hot pressed to give a sheet showing limiting O index 26.2 and smoke d. (BS 6401) 151 Dm.

T ***PVC*** zinc stannate fireproofing; smoke suppression .. ***PVC*** zinc stannate; discoloration resistance ***PVC*** zinc stannate; heat resistance ***PVC*** barium ***perchlorate***

T Heat ***stabilizers***

(***perchlorates*** , for ***PVC*** , with reduced smoke)

T Fireproofing agents

(zinc stannate, for ***PVC*** , with reduced smoke and heat and discoloration resistance)

T Discoloration prevention

(agents, ***perchlorates*** , for ***PVC*** , with reduced smoke)

T Fireproofing agents

(smoke inhibitors, zinc stannate, for ***PVC*** , with good heat and discoloration resistance)

T 7601-89-0, Sodium ***perchlorate*** 7601-90-3, ***Perchloric*** acid, uses 7778-74-7, Potassium ***perchlorate*** 10034-81-8, Magnesium ***perchlorate*** 13465-95-7, Barium ***perchlorate*** 85153-31-7 143710-48-9, Alcamizer V

RL: USES (Uses)

(***PVC*** contg., zinc stannate and, with reduced smoke and good heat and discoloration resistance)

T ***9002-86-2*** , ***PVC***

RL: USES (Uses)

(contg. zinc stannate and ***perchlorates*** , with reduced smoke and good heat and fire resistance)

T 12027-96-2 12036-37-2, Zinc stannate (ZnSnO3)

RL: USES (Uses)

(fireproofing agents, ***PVC*** contg. ***perchlorates*** and, with reduced smoke and heat and discoloration resistance)

T 1343-88-0, Magnesium silicate

RL: USES (Uses)

(***perchloric*** acid-treated, ***PVC*** contg., zinc stannate and, with reduced smoke and heat and discoloration resistance)

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